

SERVICE INTERNATIONAL DES INDICES GEOMAGNETIQUES
 INTERNATIONAL SERVICE OF GEOMAGNETIC INDICES



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Explanations about published data are given in Special Issue 1994 of ISGI Monthly Bulletin.

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PRELIMINARY REPORT ON RAPID VARIATIONS

JANUARY 2003

SSC - Storm Sudden Commencements

SFE - Solar Flare Effects

None

07 2329-2359 GNA CNB
 29 1015-1032 GUI

REPORTING OBSERVATORIES (up to 04/03/2003) :

SOD NUR NGK VAL DOU BDV CLF HRB NAG GCK EBR SPT GUI HYB GNA CNB LIV

	FIVE INTERNATIONAL QUIETEST DAYS					FIVE INTERNATIONAL MOST DISTURBED DAYS				
January 2003	9	8	6	16	7	25	30	26	23	22*

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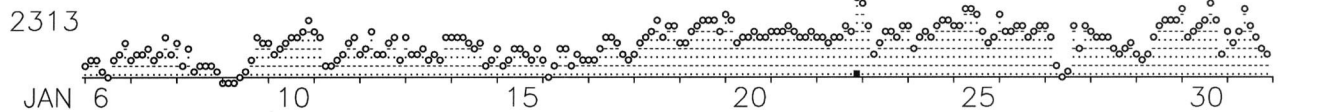
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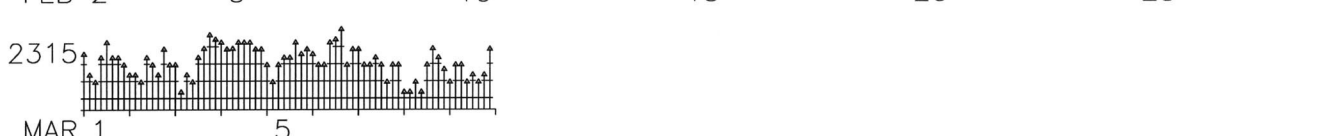
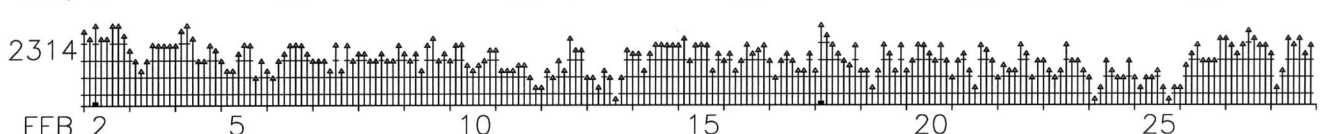
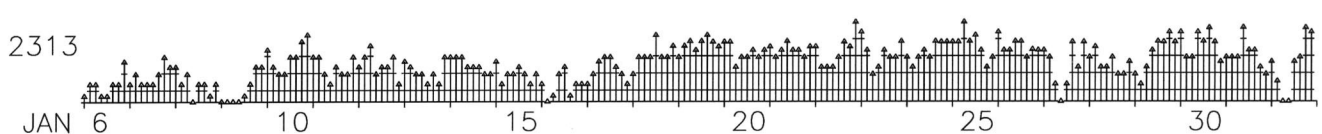
Web : <http://www.cetp.ipsl.fr/~isgi/homepag1.htm>

JANUARY 2003		Geomagnetic Indices (provisional)												Daily Average and Sum				
	aa				D	quiet days	am an Km for each three hour interval								Am Σ Km		Ap Σ Kp	
	N	S	am	pm			1	2	3	4	5	6	7	8				
1	16	11	12	15	14	CC	5 1-	9 1+	21 3-	11 2-	17 2+	10 1+	17 2+	20 2+	14	15-	7	15-
2	12	11	9	14	12	C	11 2-	9 1+	8 1+	13 2-	16 2o	12 2-	17 2+	15 2o	13	14o	6	13-
3	38	41	16	63	40		27 3o	10 1+	18 2+	13 2-	21 3-	90 5o	53 4o	53 4o	36	24o	18	23o
4	40	19	35	24	29		44 4-	33 3o	17 2+	17 2+	24 3-	18 2+	24 3-	15 2o	24	21o	16	24-
5	16	17	10	23	17		9 1+	11 2-	9 1+	7 1o	21 3-	23 3-	19 2+	23 3-	15	16-	7	15o
6	9	7	7	10	8	CK *	7 1o	8 1+	8 1+	4 1-	3 0+	9 1+	13 2-	17 2+	9	10o	4	8o
7	12	12	9	15	12	CC *	10 1+	12 2-	11 2-	15 2o	9 1+	12 2-	22 3-	13 2-	13	14o	6	12+
8	8	9	10	7	8	CC *	17 2+	6 1o	16 2o	4 1-	6 1o	6 1o	6 1o	5 1-	8	10-	4	8o
9	6	7	2	11	7	CC *	1 0o	1 0o	1 0o	2 0+	4 1-	9 1+	21 3-	17 2+	7	7+	3	5+
10	26	30	18	38	28		18 2+	13 2-	14 2o	19 2+	26 3-	24 3-	29 3o	44 4-	23	20+	12	20+
11	19	14	17	16	17		28 3o	24 3-	7 1o	6 1o	10 1+	13 2-	18 2+	22 3-	16	16-	10	16-
12	16	23	23	16	19		13 2-	14 2o	32 3o	13 2-	13 2-	19 2+	22 3-	10 1+	17	16+	8	17-
13	15	13	15	13	14		24 3-	12 2-	11 2-	15 2o	8 1+	11 2-	9 1+	21 3-	14	15o	7	13+
14	17	19	22	14	18		23 3-	21 3-	25 3-	19 2+	16 2o	17 2+	7 1o	10 1+	17	17o	9	17-
15	12	13	13	12	13	CC	15 2o	6 1o	10 1+	14 2o	16 2o	13 2-	9 1+	15 2o	12	13+	7	14-
16	7	9	7	9	8	CC *	10 1+	3 0+	6 1o	14 2o	16 2o	7 1o	12 2-	9 1+	10	11-	5	10o
17	12	19	16	15	16		8 1+	8 1+	14 2o	21 3-	24 3-	19 2+	13 2-	8 1+	14	15+	7	14-
18	20	37	21	36	29		13 2-	17 2+	23 3-	30 3o	44 4-	24 3-	35 3+	36 3+	28	23-	12	21o
19	40	42	35	47	41		17 2+	20 2+	31 3o	38 3+	41 4-	49 4-	43 4-	27 3o	33	25o	18	26o
20	32	28	33	28	30		52 4o	45 4-	17 2+	24 3-	23 3-	29 3o	25 3-	23 3-	30	24-	19	25+
21	38	28	35	31	33		30 3o	28 3o	30 3o	40 3+	33 3o	25 3-	24 3-	33 3o	30	24-	18	27-
22	42	31	21	52	37		23 3-	23 3-	19 2+	22 3-	26 3-	37 3+	29 3o	104 5+	35	25-	19	26o
23	33	30	32	32	32		76 5-	38 3+	11 2-	18 2+	33 3o	31 3o	22 3-	34 3+	33	24o	20	25+
24	32	32	24	40	32		36 3+	14 2o	24 3-	28 3o	25 3-	38 3+	46 4-	49 4-	33	24+	18	26-
25	48	44	60	33	46		40 3+	38 3+	68 4+	61 4+	56 4o	28 3o	18 2+	23 3-	42	27+	28	31-
26	42	36	44	34	39		57 4o	27 3o	29 3o	39 3+	40 3+	26 3-	30 3o	37 3+	36	26-	20	27o
27	25	21	17	29	23		34 3+	24 3-	7 1o	3 0+	5 1-	34 3+	14 2o	37 3+	20	17-	10	16o
28	24	16	23	17	20		29 3o	26 3-	22 3-	21 3-	15 2o	12 2-	15 2o	19 2+	20	19o	13	20+
29	39	29	17	51	34		11 2-	8 1+	12 2-	25 3-	35 3+	49 4-	47 4-	49 4-	30	22-	16	23o
30	52	41	46	48	47		65 4+	26 3-	30 3o	40 3+	45 4-	84 5-	43 4-	13 2-	43	27o	25	29+
31	27	34	38	23	31		28 3o	19 2+	30 3o	65 4+	34 3+	26 3-	14 2o	11 2-	28	22+	17	24+

ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices Km (provisional) JAN 2003



ROT DAY IN SOLAR ROTATION INTERVAL Three-hour indices aa (logscale) JAN-MAR 2003

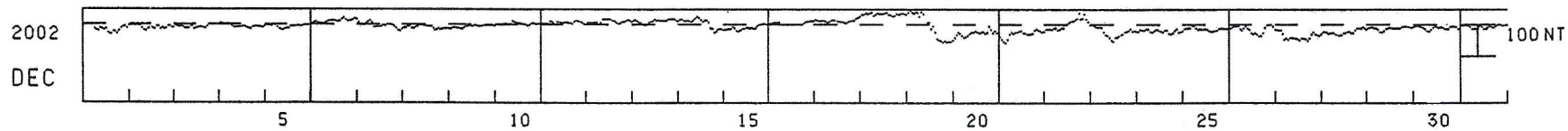


HOURLY EQUATORIAL DST VALUES (PROVISIONAL) - December 2002 -

WDC FOR GEOMAGNETISM, KYOTO UNIVERSITY

HOURLY EQUATORIAL DST VALUES (PROVISIONAL)
DECEMBER 2002

DAY	UNIT=NT																							U. T.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
1	-2	1	1	-1	-1	-13	-17	-19	-11	-13	-17	-14	-26	-31	-31	-22	-23	-28	-20	-12	-8	-6	-12	-4
2	-4	-2	-4	-4	-2	-4	-11	-17	-21	-14	-11	-9	-12	-13	-6	-5	-13	-10	-13	-12	-6	-4	-10	-10
3	-3	-5	-7	-6	-8	-11	-12	-12	-6	-6	-13	-12	-10	-9	-7	-10	-12	-6	0	1	2	1	0	1
4	5	3	2	2	4	1	-4	-8	-10	-8	-7	-8	-5	-5	-9	-11	-13	-8	-7	-6	-7	-8	-9	-5
5	-2	-1	-3	-3	0	-1	-8	-14	-15	-17	-14	-12	-11	-6	-6	-5	-5	-4	-6	-3	-2	-1	-2	0
6	3	7	9	5	5	3	4	7	12	12	14	14	12	10	12	18	23	16	11	12	14	16	21	17
7	8	-1	-2	0	5	10	13	7	-7	-7	-8	-8	-6	-2	-3	0	0	0	-2	-5	-12	-17	-19	-14
8	-10	-9	-6	-5	-11	-12	-7	-5	-2	-2	-4	-4	-5	-6	-6	-12	-17	-15	-11	-15	-13	-11	-11	-12
9	-13	-10	-10	-10	-11	-12	-14	-10	-6	-5	-4	-5	-4	-2	-4	-5	-6	-4	-2	-1	-1	-1	-2	-3
10	0	2	-2	-1	4	3	0	4	11	10	7	5	3	3	3	0	-4	-1	4	6	3	2	3	2
11	3	4	4	3	11	9	5	1	9	9	8	6	8	7	8	5	3	9	14	12	9	8	4	2
12	7	7	6	7	7	7	2	7	18	19	17	17	17	14	12	7	3	6	10	10	13	16	14	10
13	14	15	11	7	6	1	-1	1	7	9	11	17	14	14	13	12	11	14	17	17	17	17	13	12
14	15	17	13	12	14	11	9	14	21	27	23	16	10	14	13	7	-12	-13	-26	-22	-15	-14	-14	-18
15	-16	-15	-13	-13	-8	-11	-21	-22	-17	-14	-14	-10	-10	-11	-10	-13	-11	-5	-2	0	1	4	1	0
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17	15	14	11	11	13	12	7	9	14	15	14	11	9	10	10	8	5	9	12	14	14	20	23	27
18	33	33	36	35	37	39	29	32	36	35	35	36	38	33	30	27	27	29	34	33	34	37	34	32
19	38	45	40	36	41	40	26	42	34	0	8	7	-13	-6	-24	-45	-50	-52	-56	-52	-56	-53	-53	-49
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22	-15	-13	-14	-16	-11	-11	-17	-16	-12	-11	-1	4	7	12	12	16	20	36	18	20	35	19	9	-1
23	0	-3	-8	-9	-7	-10	-25	-32	-36	-42	-49	-53	-41	-41	-38	-33	-30	-25	-22	-19	-14	-22	-19	-23
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26	-11	-7	-5	-5	-6	-13	-17	-12	-6	-11	-16	-26	-31	-27	-31	-37	-35	-26	-9	-1	-2	1	-6	-15
27	-15	-17	-17	-29	-47	-43	-47	-41	-42	-44	-44	-45	-49	-44	-43	-45	-51	-44	-31	-25	-30	-32	-35	-31
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Note: The baselines for the observatories were adjusted for secular change for the Provisional Dst values for December 2002.

HOURLY EQUATORIAL DST VALUES (PROVISIONAL) - January 2003 -

WDC FOR GEOMAGNETISM, KYOTO UNIVERSITY

HOURLY EQUATORIAL DST VALUES (PROVISIONAL)

JANUARY 2003

DAY	UNIT=NT																							U. T.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
1	2	9	10	4	4	5	6	2	-1	-3	-4	-10	-13	-14	-11	-8	-3	4	4	4	-1	-8	-6	-3
2	-3	-1	1	-3	-4	1	7	4	-2	-3	-7	-9	-6	-3	-10	-10	-5	0	-5	1	7	13	19	20
3	23	16	12	13	16	17	27	31	23	14	14	7	9	10	9	0	1	-17	-28	-27	-30	-28	-22	-20
4	-14	-10	-12	-22	-18	-13	-11	-15	-20	-22	-22	-24	-17	-14	-16	-16	-7	-3	-5	-6	-7	-11	-8	-6
5	-4	-4	-3	-4	-6	-4	4	5	0	0	4	-1	-4	-1	-8	-4	-4	-2	-5	-2	-5	-4	-5	-2
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26	-11	-8	-5	-5	-4	-4	0	-4	-4	-5	-8	-8	-5	-8	-7	-5	-7	-4	-2	1	1	-4	-1	-4
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2003
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